

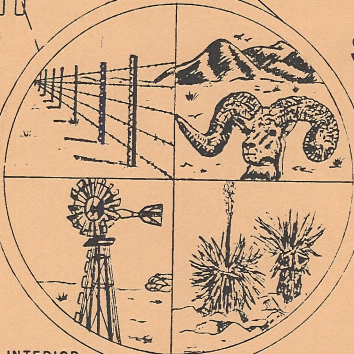


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# LAS CRUCES/LORDSBURG RESOURCE AREA

NEW MEXICO

## RANGELAND PROGRAM SUMMARY



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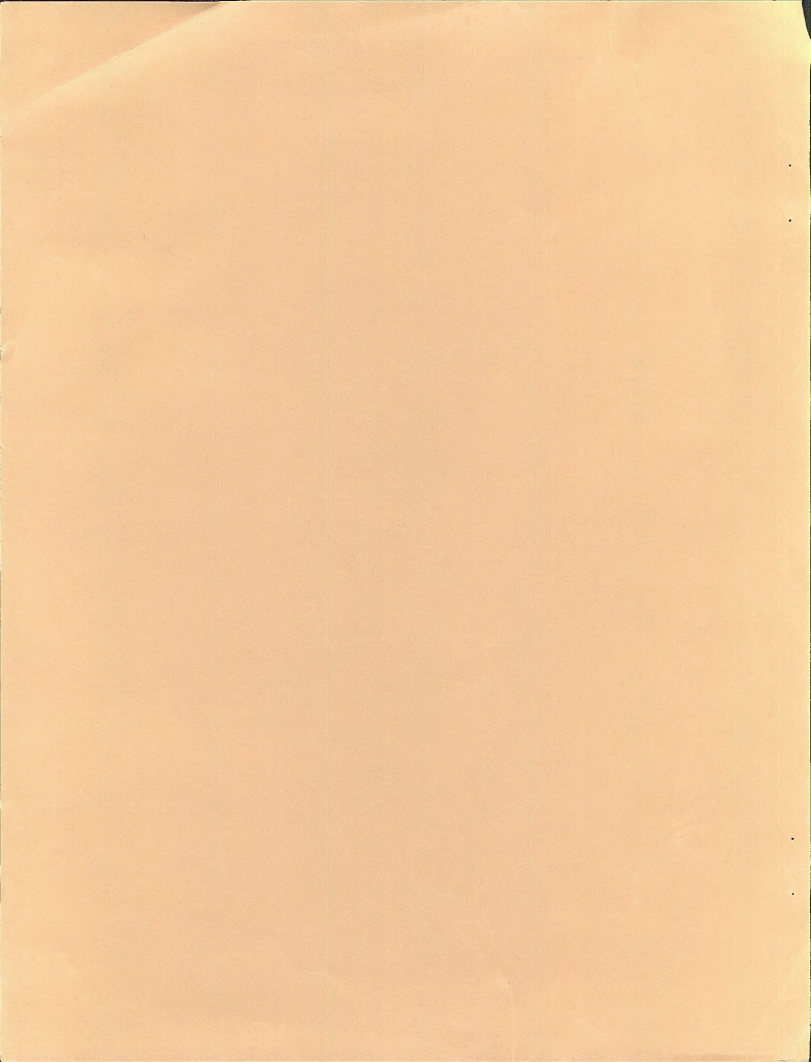
## ANNUAL UPDATE

MARCH 1986

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March 1986

Dear Reader:

Enclosed is a copy of the fourth annual update of the Southern Rio Grande Planning Area Rangeland Program Summary (RPS) and the second annual update of the Las Cruces/Lordsburg Planning Area RPS. This document, which covers management strategy updates for both planning areas, summarizes the rangeland program for Fiscal Year 1985 and what is planned for rangeland improvement projects for Fiscal Year 1986.

If you have any questions or wish to express your views on these RPS updates, please do so within 30 days after receiving the document.

Sincerely,

William J. Harkenrider, Jr.  
Area Manager  
Las Cruces/Lordsburg Resource Area

Enclosure

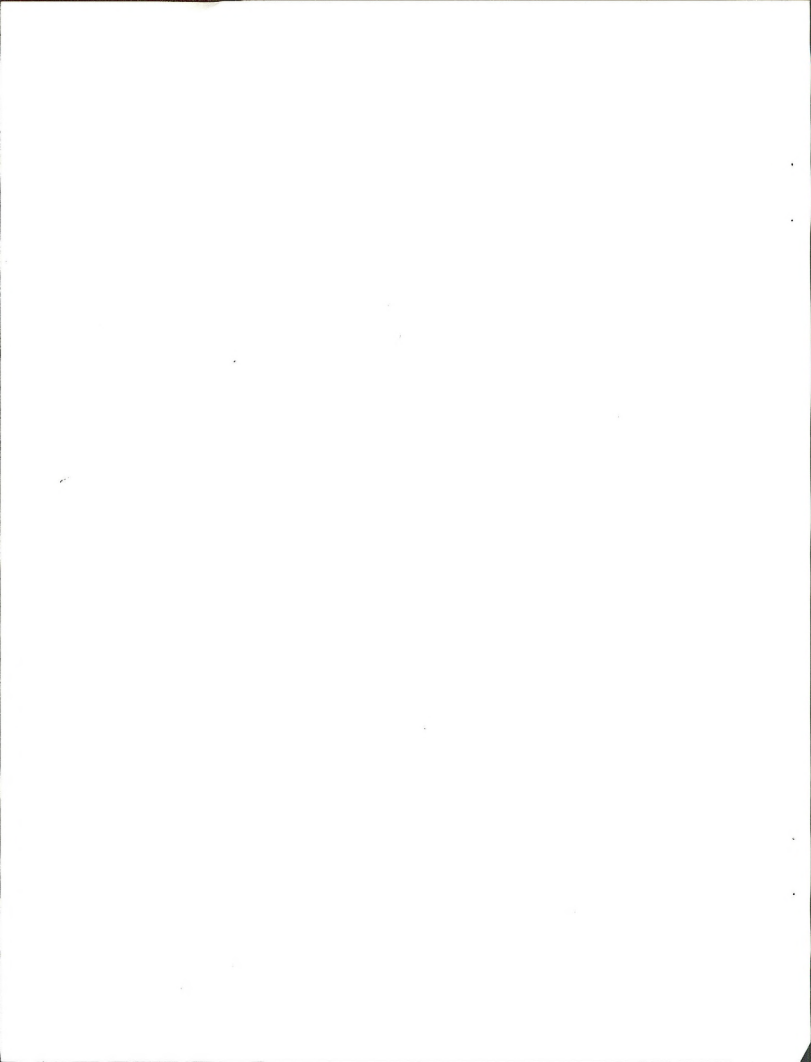
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SOUTHERN RIO GRANDE PLANNING AREA

RANGELAND PROGRAM SUMMARY

FOURTH ANNUAL UPDATE

MARCH 1986



## INTRODUCTION

The Southern Rio Grande Planning Area Rangeland Program Summary (RPS) was published in February 1982. The first update of that document was published in January 1983. The second annual update was published in January 1984, and the third in February 1985. This report is the fourth annual update of the RPS and summarizes the events which have taken place in Fiscal Year 1985. This RPS update is confined to allotments in Dona Ana County and portions of Luna County.

## CATEGORIZATION

Prior to completing the RPS in 1982, each allotment was placed in one of three management categories depending on the resource condition of the allotment: Maintain ("M"), Improve ("I"), and Custodial ("C"). The criteria used to determine these categories were presented in the first annual update.

Since the February 1985 update, the management category of two allotments was changed. Allotment No. 3011 was changed from "I" to "C" due to the steepness of slopes and proximity to the Rio Grande Valley in which brush control would be prohibitive because of the high risk factor associated with chemical runoff to the irrigated crops in the valley. The allotment also has an extensive poisonous weed (Loco weed) problem, which contributes to a consistently light utilization of the major forage species each year.

Allotment No. 3019 was changed from "I" to "M" because the allotment contains a relatively small percentage of public land. It was recommended that rangeland studies be discontinued on these allotments.

Allotment No. 1084 was changed to 3069 to be consistent with the 3000 numbering system reflective of the planning unit (Las Uvas).

## DECISIONS

A first-year decision was issued on one Category "I" allotment in Fiscal Year 1985: Allotment No. 3009. This decision initiated the implementation of rangeland studies for the 5-year monitoring period.

A third year decision was scheduled for issuance on Allotment No. 3068, but it was withheld due to an allotment field tour (November 14, 1984), which involved the New Mexico Range Improvement Task Force and range personnel from the Jornada Experimental Range. A grazing agreement with the permittee is being formulated at the present time.

Allotment No. 3046 was affected as a result of the Navajo-Hopi Indian Relocation Amendment Act-Exchange (NM 58259), which resulted in an exchange of 10,032 acres of public land into private ownership. Remaining acreages in the allotment include 351 acres of public land; 155 acres privately-owned; and 310 acres of State land. Carrying capacity also changed due to the loss of public land status. The allotment presently has 48 animal unit months (AUMs) billed at 75 percent public land. Due to the small amount of public land remaining, this allotment will be changed from a Category "I" to a Category "C".



Table 1 shows the Category "I" allotment summary for the Southern Rio Grande Planning Area. This table outlines the monitoring program and decisions currently being followed.

Decisions or letters were not issued on allotments with Allotment Management Plans (AMPs) during Fiscal Year 1985. AMP allotments will be evaluated and revised, if needed, prior to any decisions.

#### RANGELAND IMPROVEMENTS

Tables 2 and 3 show the status of rangeland projects in the Planning Area for Fiscal Years 1985 and 1986. Funds totaling \$32,840 were obligated in Fiscal Year 1985 for rangeland improvements in the Southern Rio Grande Planning Area.

#### MONITORING

During Fiscal Year 1985, utilization studies were conducted on 32 allotments. Allotments 3011 and 3019 were dropped from Category "I". Allotment 3062, as mentioned in the 1984 RPS Update, continues to go unmonitored because of the very light use being made of public land in the allotment. There are 15,177 acres of public land, 45 acres of private land, and 885 acres of State land; however, the permittee runs only half of his authorized numbers. Therefore, it is a low priority Category "I" allotment.

#### MULTIPLE-USE MANAGEMENT

Wildlife monitoring studies were conducted on Allotment Numbers 3013, 3064, 5003, and 5013. These studies included browse utilization transects, pace-point transects to monitor changes in vegetative composition, avian transects, riparian stand analysis, and trend photographs.

A wildlife improvement was made in Allotment No. 3064 in which a spring was fenced and water was piped to a livestock trough.



TABLE 1  
CATEGORY "I" ALLOTMENT SUMMARY

Allotment Number	Allotment Name or Permittee	Year Letter or Decision Issued		Monitoring Studies <sup>a/</sup>	Condition and Trend	Preference	Adjustment From Preference	
		1st Year	3rd Year				First Year	Third Year
2002	Johnny D. Johnson	1984		X	1984	432		
2053	POL (West)	1982	1984	X	1983	1,032	Final decision written in 1984.	
3008	Frances & Mary M. Burke	1984		X	1984	1,020		
3009	G. W. Burris	1985		X	1985	3,936		
3013	Corralitos Venture			X	AMP	13,860		
3014	Howard Cothorn	1984		X	1984	252		
3015	Wilford Cothorn			X	AMP	3,252		
3016	POL (East)	1982	1984	X	1983	5,688		-853
3023	Jack Wagner	1982	1984	X	1983	5,760		
3024	Goodsight, Inc.			X	AMP	6,012		
3026	L. A. Horner Estate			X	AMP	288		
3027	O. L. Smith	1984		X	1984	564		
3029	Lee Goff	1982	1984	X	1983	8,436		
3032	G. W. Burris			X	AMP	2,664		
3036	Harry Kane	1984		X	1984	1,080		
3039	Thousand Springs Cattle Co.	1984		X	1984	5,508		
3040	Cohorn & Johnson	1982		X	1983	636		
3056	Robert Cosimati	1982	1984	X	1983	1,284		+288
3058	W. N. & J. A. Castle			X	AMP	828		
3062	W. N. Castle			X		756		
3063	Leath Cluff	1982	1984	X	1983	1,354		
3065	A. R. Hille	1984		X	1984	3,168		
3067	Charles Hudson	1982	1984	X	1983	960		
3068	Cloward Cluff	1982		X	1983	2,640		
5001	W. F. Blythe	1982	1984	X	1983	1,024	-312	-480
5004	W. F. Blythe	1982	1984	X	1983	492		-60
5007	Jeff Isaack	1982	1984	X	1983	1,920		
5008	R. L. Isaack			X		396		
5009	Paul Price	1982	1984	X	1983	1,593		
5013	Baylor Canyon	1984		X	1984	1,716 <sup>b/</sup>		
3069	Paul Tisler			X	AMP	1,184		

NOTES: AMP - Allotment Management Plan

<sup>a/</sup>Monitoring studies initiated include actual use, precipitation, and utilization studies. Studies were initiated on AMP allotments at the time the plan was implemented.

<sup>b/</sup>Preference increased due to combining with Allotment 5006.

TABLE 2  
RANGELAND IMPROVEMENTS FOR FISCAL YEAR 1985  
SOUTHERN RIO GRANDE PLANNING AREA

Rangeland Improvements	Allotment Number	Status	Rancher Contribution	Maintenance Responsibility a/
8.3 miles of fence and 2.75 miles of pipeline	3023	Materials Ordered	Labor	X
1 well and 1 storage tank	3027	Cancelled per request of permittee	--	--
3 cattleguards	3020	Materials Ordered	Labor	X

NOTE: a/ X--indicates that the permittee has maintenance responsibility.

TABLE 3  
PROPOSED RANGELAND IMPROVEMENTS FOR FISCAL YEAR 1986  
SOUTHERN RIO GRANDE PLANNING AREA

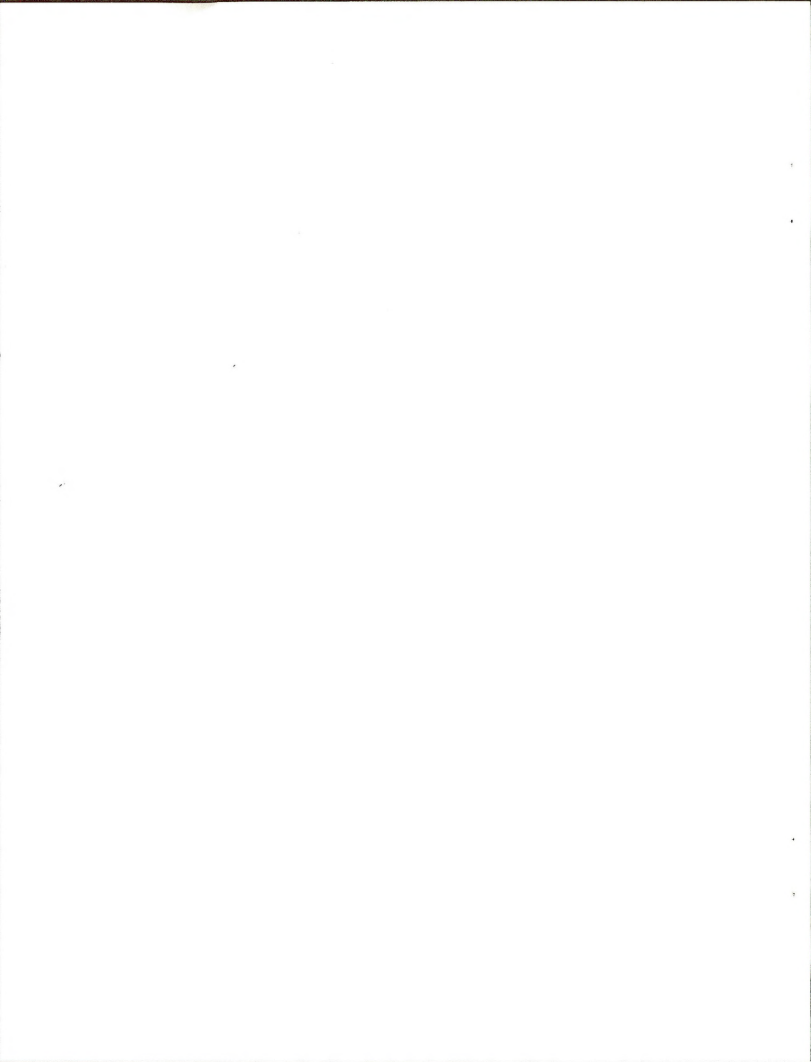
Rangeland Improvements	Allotment Number	B100 Funding	Rancher Contribution	Maintenance Responsibility a/
1 cattleguard	5013	\$ 1,005	Labor	X
1 cattleguard	5002	\$ 1,005	Labor	X
1.3 miles of pipeline and one storage tank	3012	\$12,625	Labor	X

NOTE: a/ X--indicates that the permittee has maintenance responsibility.

LAS CRUCES/LORDSBURG PLANNING AREA  
RANGELAND PROGRAM SUMMARY

SECOND ANNUAL UPDATE

MARCH 1986



## INTRODUCTION

The Las Cruces/Lordsburg Planning Area Rangeland Program Summary (RPS) first annual update was published in February 1985. This report is the second annual update to the 1985 document and summarizes the events which have taken place since the February 1985 publication. This report also sets out what is planned for rangeland improvement projects for Fiscal Year 1986, and the status of the Fiscal Year 1985 rangeland improvement projects.

## CATEGORIZATION

There were no allotment categorization changes in the Las Cruces/Lordsburg Planning Area for Fiscal Year 1985.

## DECISIONS AND MONITORING

Table 3 (located at the end of this report) shows the Category "I" allotment summary for the Las Cruces/Lordsburg Planning Area. This table shows the allotments where monitoring studies have been initiated and decisions have been issued. The remaining decisions will be issued and studies initiated as time and funding permit. Utilization patterns for 1984-1985 showed light to moderate use. Precipitation for 1984-1985 was well above the average annual precipitation.

## RANGELAND IMPROVEMENTS

Funds totalling \$103,725 were obligated in Fiscal Year 1986 for rangeland improvements in the Las Cruces/Lordsburg Planning Area. See Table 1 for proposed rangeland improvements for Fiscal Year 1986. The status of the rangeland improvement projects for Fiscal Year 1985 for the Las Cruces/Lordsburg Planning Area is shown in Table 2.

## MULTIPLE-USE MANAGEMENT

Wildlife monitoring studies were conducted on four Habitat Management Plans (HMP) areas. These areas are the Floridas, San Simon Cienega, Big Hatchet-Alamo Huecos, and the Peloncillos. In addition, the Caprock Allotment (No. 1078) is being monitored because it has riparian habitat. Studies on these areas include browse utilization transects, big game surveys, avian transects, fecal analysis, trend photographs and pace point transects to measure changes in vegetative composition, and riparian stand analysis.

Wildlife waters were maintained in the Floridas, Big Hatchets, and Peloncillo areas. Most of these waters are inverted umbrella catchments. In addition, three new catchment units were installed in the Alamo-Huecos and Little Hatchets for desert bighorn sheep. This work was accomplished using wildlife funds with much of the labor being done by volunteers.

A rock and cement dam was constructed in the Central Peloncillo Research Natural Area, which will provide yearlong water for wildlife. The BLM bought the supplies and the cooperator provided labor for this project.

TABLE 1  
PROPOSED RANGELAND IMPROVEMENTS FOR FISCAL YEAR 1986  
LAS CRUCES/LORDSBURG PLANNING AREA

Rangeland Improvements	Allotment Number	STUO Funding	Rancher Contribution	Maintenance Responsibility <sup>a/</sup>
Drill and case 3 wells	1010, 1024, and 1048	\$31,055	Equip well and/or provide storage and trough in Fiscal Year 1987	X
7.7 miles of pipeline	1048 and 2040	\$32,894	labor	X
2 storage tanks	1048 and 2040	included in pipeline cost		X
1 trough	2040	included in pipeline cost		X
7.25 miles of fence	1048 and 1050	\$10,945	labor	X
0.5 miles of wildlife fence	2024	\$2,500		BLM
1 cattleguard	1050	\$1,005	labor	X
1,265 acres of brush control	3028	\$25,326		

NOTE: <sup>a/</sup>X--indicates that the permittee has maintenance responsibility.

TABLE 2  
RANGELAND IMPROVEMENTS FOR FISCAL YEAR 1985  
LAS CRUCES/LORDSBURG PLANNING AREA

Rangeland Improvements	Allotment Number	Status	Rancher Contribution	Maintenance Responsibility <sup>a/</sup>
4.5 miles of pipeline, 4 troughs, 3.75 miles of fence and 3 cattleguards	1078	Materials Picked Up By Permittee	Labor	X
7.6 miles of pipeline and 1 trough	3028	Completed	Labor	X
3.3 miles of fence	3028	Materials Ordered	Labor	X
1 storage tank	1048	Completed	Labor	X
2.5 miles of fence	1055	Materials Ordered	Labor	X
2,340 acres of brush control	2036	Completed		

NOTE: <sup>a/</sup>X--indicates that the permittee has maintenance responsibility.

TABLE 3  
CATEGORY "I" ALLOTMENT SUMMARY

Allotment Number	Allotment Name or Permittee	Letters or Decision Issued a/	Monitoring Studies b/	Condition and Trend	Preference
<u>GRANT COUNTY</u>					
1004	C. & R. Anderson	1985	X	1985	660
1007	Langford Keith				3,372
1011	L. A. Conner		X	AMP	480
1022	Flying A Cattle Company				636
1023	Grant Harper				468
1036	Steeple Rock (E. James Lunt)				552
1039	High Lonesome Ranch (Langford Keith).				1,846
1045	Registered Pasture (Diamond A Cattle Co.)				288
1046	Brock Place (Diamond A Cattle Co.)				1,056
1047	Tom McCauley & Sons				4,092
1051	Red Rock (Guy Stillman)				720
2010	DAN-P-NEL Land, Inc.		X	AMP	876
2044	Andy Peterson (Clem Donaldson)		X	AMP	1,788
2054	J. M. & Virgie Smith				3,012
4528	Hurt Cattle Company				12,518
	Mrs. Joe H. Hooker				780
<u>HIDALGO COUNTY</u>					
1001	C. Adams and Sons (Foster)				456
1006	Bertogolio - Merrill		X	AMP	3,336
1008	G. W. Butler				1,152
1009	Cienega Ranch	1985	X	1985	2,492
1010	Steins Mt. (L. Williams)				1,488
1012	Frank T. Croom (North)				1,132
1015	Diamond A Cattle Co.				1,416
1016	J. R. and C. Donaldson				288
1017	Clinton E. Dumagan				528
1019	Bessie Estes (Evans)				588
1020	E. W. Catanzaro				1,906 <sup>1/2</sup>
1025	Rainbow Wash (A. Peterson)				1,344
1026	Gold Hill Canyon (W. D. Ranch)				1,380
1027	George R. Jackson, Jr.		X	AMP	972
1030	Alfred Johnson				1,152
1032	Fred Kerr, Sr. (East)				624
1034	Ted and Mona Larson				1,860
1041	John T. Muir (West)		X	AMP	4,944
1044	J. V. McCarty		X	AMP	1,212
1048	Donald L. Frazier	1984	X	1984	1,740
1050	Richard Searle				2,332
1055	R. M. Reynolds Estate	1984	X	1984	996
1057	Swallow Fork Peak (Rouse)				888
1059	Robert Shay	1984	X	1984	6,240
1060	Andrew Monroe Smith				744
1063	Andy Peterson				1,210
1066	Pacific Western (Gray Land & Cattle)				1,056
1069	R. H. Wamel, et al.	1984	X	1984	1,104
1070	Johnson & Evans				1,104
1071	Weatherby Ranch (Smyers Bros.)				696
1073	Herbert J. Young				2,760
1076	Robert Johns				288
1078	Caprock (Bobby Walton)	1984	X	1984	4,884
1081	Raccoon (Michael Coon)	1986	X	1985	1,464 <sup>1/2</sup>
1086	Burro Springs (Herb Bays)	1986	X	1985	3,276 <sup>1/2</sup>
1510	U-Bar Pac West (Hurt)				4,548
1512	Drummond Hadley		X	AMP	1,160
2022	U-Bar Pac West (Hurt)				7,608
2024	Heard Ranch Pac West (Hurt)				1,356
2027	Hatchet Ranch (Everhart)		X	AMP	13,944
2045	J. E. & Billie Smith				1,920

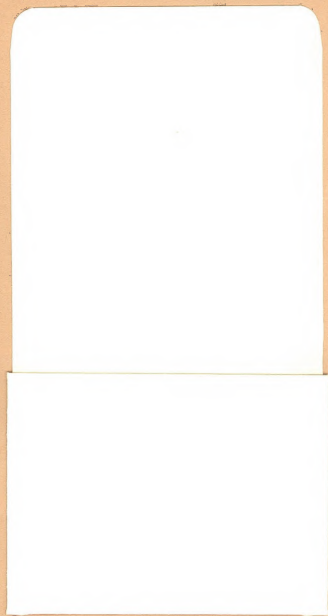


TABLE 3 (CONCLUDED)  
CATEGORY "I" ALLOTMENT SUMMARY

Allotment Number	Allotment Name or Permittee	Letters or Decision Issued a/	Monitoring Studies b/	Condition and Trend	Preference
<u>LUNA COUNTY</u>					
2004	Allen and R. Borde		X	AMP	3,612
2007	Nathan W. Crawford				444
2008	Neal E. Crawford (Lee Baker)				516
2009	Treasure Rockhound Ranches, Inc.	1985	X	1985	564
2013	Burdick Hills (Alamo Ranch Co.)		X	AMP	12,202
2014	Cedar Grove (Thomas Ellinwood)		X	AMP	3,408
2017	Flying W. Ranch-Faulkner (Savage)	1985			3,612
2018	Russell Baker	1985	X	1985	1,764
2019	William Jarvis (Spear 7 Ranch)	1985	X	1985	1,200
2021	Blacktop (Carl and Bobby Frazier)	1985	X	1984	1,572 <sup>f/</sup>
2025	Gerald Greeman	1985	X	1985	1,983
2030	Mimbres Mtn. (Rush)	1985	X		1,860 <sup>g/</sup>
2032	W. R. Johnson & Son				3,456
2033	Koenig Ranch, Inc.	1985	X	1985	2,436
2034	Mashed "O" Venture (Tom Cooper)		X	AMP	12,228
2035	May, Inc.	1985	X	1985	1,500
2036	Ross & Anita May				1,848 <sup>h/</sup>
2039	Joe Bill Nunn				96
2040	McClure Ranch		X	AMP	1,620
2041	Delia Perez (Tommy Perez)				552
2042	Tommy Perez				396
2043	Shelby Phillips	1985	X	1985	1,716
2046	Mary Smyer		X	AMP	2,364
2055	Suckerville Draw (Hervol)				492
3028	Hyatt & Hyatt (Home Ranch)	1985	X	1985	6,552 <sup>i/</sup>

NOTES: AMP - Allotment Management Plan

- <sup>a/</sup> Indicates allotments for which decisions were issued during 1984 and 1985, and decisions which will be issued during 1986.
- <sup>b/</sup> Monitoring studies include actual use, precipitation, and utilization. Studies were initiated on AMP allotments at the time the plan was implemented.
- <sup>c/</sup> E. W. Catanzaro Allotment (No. 1005) was combined with E. W. Catanzaro Allotment (No. 1020). Grazing preference for Allotment No. 1020 is recognized as 1,906 AUMs.
- <sup>d/</sup> West half of the Burro Springs Allotment was transferred from Tom Miller to Michael Coon, and it is referred to as the Racon Allotment (No. 1081). Grazing preference for Allotment No. 1081 is recognized as 1,464 AUMs.
- <sup>e/</sup> East half of the Burro Springs Allotment was transferred from Tom Miller to Herb Bays, and it is referred to as the Burro Springs Allotment (No. 1086). Grazing preference for Allotment No. 1086 is recognized as 3,276 AUMs.
- <sup>f/</sup> Frazier Farm and Ranch Allotment (No. 1015) was combined with the Bobby Frazier Allotment (No. 2021). Grazing preference for Allotment No. 2021 is recognized as 1,572 AUMs.
- <sup>g/</sup> Grazing preference for Allotment No. 2030 is recognized as 1,860 AUMs until the monitoring studies are completed.
- <sup>h/</sup> Approximately 3,355 acres were transferred from the Hyatt and Home Ranch Allotment (No. 3028) to the Ross and Anita May Allotment (No. 2036). Grazing preference for Allotment No. 2036 is recognized as 1,848 AUMs.
- <sup>i/</sup> A ranch transfer was completed which incorporated the Ross May (Hoagland) Allotment (No. 2029) into the Hyatt Home Ranch Allotment (No. 3028). Grazing preference for the Hyatt Home Ranch is recognized as 6,552 AUMs.



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